

SWALLOW
Or A NEW
ALMANACK

for the Year of our
LORD GOD

1679



Being the third after Bissextile or Leap-
year, and from the Worlds Creation,
5682.

Calculated properly for the famous
Univerſity and Town of Cambridge.

Where the Pole Artick is elevated 52 degrees
and 17 minutes above the Horizon.

Omnia ſalve metis tempus.

C A M B R I D G E,

Printed by John Hayes, Printer to
the Univerſity, 1679.

The Common Notes and Moveable Feasts

for the year of our Lord God 1679.

The Golden Number is
The Cycle of the Sun

The Epact

The Dominical Letter

Shrove-sunday

Easter day

Ascension day

Whitsunday

Trinity-sunday

Advent-sunday

March 2

April 20

May 29

June 8

June 15

Novemb. 30

The Anatomy of mans body:



The names of the 12 Signs, with the parts of mans body which they are said to govern.

♈ Aries Head and Face

♉ Taurus Neck & Throat

♊ Gemini Arms & Shoulders

♋ Cancer Breast & Stomach

♌ Leo Heart and Back

♍ Virgo Bowels & Belly

♎ Libra Reins and Loins

♏ Scorpio Secret members

♐ Sagittarius the Thighs

♑ Capricornus the Kneet

♒ Aquarius the Legs

♓ Pisces the Feet

Shallow 1679.

The Terms with their Returns.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, viz.	{	Octab. Hilar. Jan. 20
		Quind. Hilar. Jan. 27
		Craft. Purif. Febr. 3
		Octab. Purif. Febr. 10

Easter Term begins May 7 ends June 2, and hath 5 returns, viz.	{	Quind. Pasch. May 5
		Tres Pasch. May 12
		Mens. Pasch. May 19
		Quind. Pasch. May 26
		Craft. Ascen. May 30

Trinity Term begins June 20 and ends July 19, and hath 4 returns,	{	Craft. Trin. June 16
		Octab. Trin. June 23
		Quind. Trin. June 30
		Tres Trin. July 7

Michaelmas Term begins October 2; ends November 18 and hath 6 returns.	{	Tres Mich. Octob. 20
		Mens. Mich. Octob. 27
		Craft. anim. Nov. 3
		Craft. Mart. Nov. 12
		Octab. Mart. Nov. 18
		Quind. Mart. Nov. 25

Note that the Exchequer openeth 4 days before any Term begins, except the Term of Trinity, in which it openeth but 4 days before.

Note also that the bright Planet Venus, will this year be our Morning Star untill the 26 day of January, and then our Evening Star, untill the 11 of November, after which to the end of the year she will be Oriental, and our glorious Morning Star again.

Swallow 1679.

A Regal Table in a more exact manner.

The Year, Month, and Day, (accounting the Year to be- gin Jan. 1.) whereon every K. and Q. of Eng. since the Conq. began their Reign.			The number of Years, Months, & Days, that eve- ry K. & Q. reign- ed 28 da to a mon.			The num. of expired in this since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	207	12 m	22 d	1613		
W. Rufus	1087	Sept. 9	127	11 m	13 d	1592	W. Conq.	
Henry	1100	August 2	357	4 m	18 d	179	W. Rufus	
Stephen	113	Decem. 1	187	11 m	17 d	544	Henry	
Henry	1155	Octob. 25	347	9 m	2 d	25	Stephen	
Richard	1189	July 6	97	9 m	0 d	490	Henry	
John	1199	April 6	177	7 m	0 d	480	Richard	
Henry	1216	Octob. 19	357	1 m	0 d	463	John	
Edward	1272	Nov. 16	347	2 m	6 d	408	Henry	
Edward	1277	July 7	197	7 m	5 d	372	Edward	
Edward	1327	Jan. 25	307	5 m	7 d	353	Edward	
Richard	1377	June 21	227	3 m	14 d	302	Edward	
Henry	1399	Sept. 29	137	6 m	3 d	280	Richard	
Henry	1413	Mar. 20	97	5 m	24 d	266	Henry	
Henry	1422	Aug. 31	387	6 m	16 d	257	Henry	
Edward	1451	March 4	127	1 m	2 d	219	Henry	
Edward	1483	April 9	07	3 m	18 d	156	Edward	
Richard	1483	June 23	27	2 m	5 d	156	Edward	
Henry	1483	Aug. 23	237	10 m	24 d	194	Richard	
Henry	1509	April 23	377	10 m	2 d	170	Henry	
Edward	1543	Jan. 28	67	5 m	19 d	133	Henry	
Q. Mary	1553	July 6	57	1 m	22 d	126	Edward	
Q. Elizab.	1558	Nov. 17	447	4 m	15 d	121	Q. Mary	
K. James	1603	Mar. 24	227	0 m	1 d	77	Q. Elizab.	
Charles	1625	Mar. 27	227	10 m	3 d	34	K. James	
Charles	1649	Jan. 30	Long live the King			30	K. Charles	

The use of this Table in Example.

King Henry 8 began his Reign in the year of Christ 1509, April 23. He Reigned 37 years, 10 moneths, and 2 days. It is since he began his Reign 170 years compleat the 22 of April this year 1679. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 133 years since he died, January 11. And so of the rest.

January

January hath xxxi days.

New moon 2 day, 18 min. past 12 at noon

First quarter 9 day, 21 min. past, in the morning

Full moon 16 day, 2 min. past 6 at night

Last quarter 24 day, 59 min. past 9 at night

New moon 31 day 30 min. past. 11 at night.

1	a	Circumcision	Capr.	8	22 35	
2	b	Oct. Stephen		22	22 36	Wind with
3	c	Octab. John	Aquar.	7	23 37	some snow.
4	d	Octab. Inno.		21	24 38	
5	e	2 Sun. af. Chr.	Pisc.	6	25 39	
6	f	Epiphany		21	26 40	Very cold till
7	g	Julian	Aries	5	27 41	about the mid-
8	a	Lucian		19	28 42	dle of the
9	b	Marcelline	Taur.	3	29 43	moneth.
10	c	Sun in Aqua		17	30 44	
11	d	Hygin	Gem.	0	31 45	
12	e	1 aft. Epiph.		13	32 46	
13	f	Hilary Bish.		26	33 47	
14	g	Felix	Canc.	9	34 48	
15	a	Marcellus		21	35 49	
16	b	Marcellus	Leo	4	36 50	Something
17	c	Anthony		16	37 51	warmer with
18	d	Prisca		28	38 52	rain.
19	e	2 aft. Epiph.	Virgo	10	39 53	
20	f	Octab. Hilar.		22	40 54	
21	g	Agnes Vir.	Libra	4	41 55	
22	a	Vincent m.		15	42 56	
23	b	Term begins		27	43 57	
24	c	Timothy b.	Scorp.	9	44 58	Snow and very
25	d	Conv. S. Paul		22	45 59	cold till the
26	e	3 aft. Epiph.	Sagit.	5	46 0	end of the
27	f	Quind. Hilar.		18	47 1	moneth.
28	g	Agnes appa.	Capr.	1	48 2	
29	a	Gildas Ab.		16	49 3	
30	b	K. Ch. mart.	Aquar.	0	50 3	
31	c	Saturn		15	51 4	

February hath xxviii days.

First quarter the 7 day, 27 min. past 2 in the afternoon

Full moon the 15 day, 29 min. past noon

Last quarter the 23 day, 27 min. past 2 in the afternoon.

M.D.	W.D.	Festival days with Teims	Moons place.	Su. pl. d. m.	Inclination of the air.
1	d	Bridget fast	Pisc.	0 23 5	
2	e	Candlemas d.		15 14 5	
3	f	Craft. Purif.	Aries	0 25 6	
4	g	Elronica		15 26 7	
5	a	Agatha M.		29 27 7	
6	b	Dorothy M.	Taur.	13 28 8	
7	c	Ramswald		27 29 8	About this
8	d	Sun in Pisces	Gem.	10 30 9	time the cold
9	e	5 aft. Epiph.		23 1 9	will be some-
10	f	Schol. O P	Cane.	0 2 10	thing abated.
11	g	Soother		18 3 10	
12	a	Term ends	Leo	0 4 10	
13	b	Agabus		13 5 11	
14	c	Valentine		25 6 11	
15	d	Faustine	Virg.	7 7 11	Cold again,
16	e	Septuagesima		19 8 11	
17	f	Constant	Libra	0 9 11	
18	g	Concordia		12 10 12	
19	a	Sabine		24 11 12	
20	b	Wittred, b'r.	Scorp.	6 12 12	
21	c	Timbert		18 13 1	
22	d	Ca'h. Pet.	Sagit.	0 14 12	
23	e	Sexagesima		13 5 12	Cold rainy
24	f	S. Mathias		27 16 12	and unplea--
25	g	Constance	Capr.	10 17 12	sant weather
26	a	Victorin		24 18 12	with high
27	b	Fortunatus	Aquar.	8 19 12	winds, and (it
28	c	Oswald b'f.		23 20 12	may be) snow.

March hath xxxi days.

New moon 2 day, 49 min. after 8 in the morning

First quarter 9 day 48 min. past 3 in the morning

Full moon 17 day 9 min. past 4 in the morning

Last quart. 25 day, 16 min. past 3 in the morning

New moon 31 day, 33 min. past 3 in the morning.

1	D	David B.	Pisces	8	11	11	
2	E	Quinquages.		23	12	11	Wet showry
3	f	Eutrophius	Aries	9	13	10	weather if not
4	g	Shrovetued.		24	14	10	snow.
5	a	Ashwednesd.	Taur.	8	15	10	
6	b	Frederick		23	16	9	
7	c	Perpetua	Gem.	6	17	9	
8	d	Mauritian		10	18	8	
9	E	1 Sund. in lent.	Canc.	3	19	8	Good season-
10	f	Sun in Aries		15	Y	7	able weather.
11	g	Quintion		28	1	7	
12	a	Ember week	Leo	10	2	6	Very high
13	b	Erasmus		12	3	5	winds.
14	c	Leo Bth.	Virgo	4	4	5	
15	d	Longine		15	5	4	
16	E	2 Sun. in Len.		27	6	3	
17	f	Patrick	Libra	9	7	2	Good weather
18	g	Edward B.		21	8	2	again.
19	a	Joseph	Scorp.	3	9	1	
20	b	Rupertus		15	10	0	
21	c	Veneria. ab.		28	10	59	
22	d	Apfrodia. s	Sagit	10	11	58	
23	E	3 Sund. in lent		23	12	57	
24	f	Quintin fast	Capr.	6	13	56	Rainy wet
25	g	Lady day		19	14	55	weather, but
26	a	Castulus	Aquar.	3	15	53	not very cold.
27	b	Archibald		17	16	52	
28	c	Fremond m.	Pisces	2	17	51	
29	d	Calista ch		17	18	50	
30	E	4 sun. in lent	Aries	2	19	48	Something
31	f	Balbine		17	20	47	windy.

April hath xxx days.

First quarter, 7 day 57 min. past 6 in the afternoon
 Full moon 15 day, 40 min. past 11 in the morning
 Last quarter 21 day, 58 min. past 11 in the morning
 New moon 29 day, 27 min. past 7 at night.

1	B	Theodozus	Taur.	2	21	46	
2	a	Francis con.		17	22	44	Wind with
3	b	Richard B.	Gem	1	23	43	some rain.
4	c	Ambrose		15	24	42	
5	d	Vincent		27	25	40	
6	e	5 Sund. Lent	Canc	11	26	39	
7	f	Celestine		24	27	37	Something
8	g	Egeappus	Leo	6	28	35	cold till about
9	a	Herpet. bish.		18	29	34	the middle of
10	b	Sun in Taur.	Virgo	0	30	32	the moneth.
11	c	Leo Pope		12	1	30	
12	d	Julius		24	2	29	
13	e	Palm-sunday	Libra	5	3	27	
14	f	Justins		18	4	25	
15	g	Olympia	Scorp.	0	5	23	Warmer with
16	a	Agooze		12	6	21	rain.
17	b	Anicetus m.		25	7	20	
18	c	Good friday	Sagitt	7	8	18	
19	d	Alphege		20	9	16	Continual
20	e	Easter day	Capr.	3	10	14	highly
21	f	Anselme b.e.		16	11	12	showers and
22	g	Soihet	Aquar.	0	12	10	very season-
23	a	S. GEORGE.		13	13	8	able weather
24	b	Albertus		27	14	6	till the end.
25	c	S. Mark Evan.	Pisc.	11	15	3	
26	d	Cletus		26	16	1	
27	e	Low Sunday	Aries	11	16	59	
28	f	Citalls mar.		25	17	57	
29	g	Sptilla	Taur.	10	18	55	
30	a	Erkenwald		25	19	52	

May hath xxxi days.

First quarter 7 day, 5 min. past 1 in the morning
 Full moon 15 day, 24 min. past noon
 Last quarter 23 day, 6 min. before 1 in the morning
 New moon 29 day, 6 min. past 11 in the morning.

1	b	Phil. & Jacob.	Gem.	9	25 50	Wet showry weather.
2	c	Athanasius		23	21 48	
3	d	Invent cruc	Canc.	7	22 45	
4	e	2 Sun. af. East.		20	23 13	
5	f	Quind Pasch.	Leo	3	24 41	
6	g	John Port lat.		15	25 38	
7	a	Term begins		27	26 36	
8	b	3 par. Mic.	Virg.	9	27 33	
9	c	Pazianzen		20	28 31	Rain with very high winds.
10	d	Ephimach.	Libra	2	29 28	
11	e	Sun in Gem.		14	II 26	
12	f	Tre Pasch.		26	1 23	
13	g	Servatus	Scorp.	8	2 21	Good season- able weather all the latter part of this moneth.
14	a	Boniface m.		21	3 18	
15	b	Sophia	Sagit	4	4 16	
16	c	Peregrine		17	5 13	
17	d	Sarah	Capr.	0	6 10	
18	e	4 Sun. af. East.		13	7 8	
19	f	Menf. Pasch.		20	8 5	
20	g	Sewala btl.	Aquar.	10	9 2	
21	a	Berherdine		24	10 0	
22	b	Adelme	Pisc.	8	10 57	
23	c	Wendertus		22	11 54	
24	d	Brand nus	Aries	6	12 52	
25	e	Rogation-su.		20	13 49	
26	f	Quinq. Pasch.	Taur.	5	14 46	
27	g	Beda ven.		19	15 43	
28	a	Jonas Ab.	Gem.	3	16 40	
29	b	Holy-Thurs.		17	17 38	
30	c	Craft. Ascen.	Canc.	1	18 35	
31	d	Petronella		15	19 32	

June hath xxx days.

First quarter the 6 day, 59 min. past 3 in the morning
 Full moon the 14 day, 55 min. past 3 in the morning
 Last quarter the 20 day, 9 min. past 9 at night
 New moon the 27 day, at 10 at night.

1	☿	Sun. aft. ascen.	Canc.	28	29	29	Windy with some rain.
2	♀	Term ends	Leo	10	11	26	
3	♂	Crahan		24	22	23	Good pleasant weather again.
4	♂	Petroti as	Virg.	5	23	20	
5	♂	Boniface		17	24	18	
6	♂	Artemius		19	25	15	
7	♂	Paul bish.	Libra	10	26	12	
8	☾	Whit Sunday		22	27	9	Windy turbu- lent weather.
9	♀	Medard	Scorp.	4	28	6	
10	♂	Delagla		16	29	3	
11	♂	S. Barnabas		29	☾	0	
12	♂	Blandine	Sagit.	12	0	57	
13	♂	Anthony		25	1	54	Storms with thunder.
14	♂	Basil 25.	Capr.	9	2	51	
15	☾	Trin. Sun. Or.		23	3	48	
16	♀	Craft. Trin	Aquar.	7	4	45	
17	♂	Botolph		21	5	42	
18	♂	Marceline	Pisces	5	6	40	Clear weather again.
19	♂	Corp. Christi		19	7	37	
20	♂	Term begins	Aries	3	8	34	
21	♂	Walburg		17	9	31	
22	☾	1 sun. af. Trin.	Taur	1	10	28	
23	♀	Osmb. Trin.		15	11	25	Rain with some storms, and thunder.
24	♂	S. John Bapt.		29	12	22	
25	♂	Loy bish.	Gem.	13	13	19	
26	♂	Joh. & Paul		26	14	16	
27	♂	7 Sleepers	Canc.	10	15	13	
28	♂	Leo bish. fast		23	16	10	
29	☾	S. Peter Apo.	Leo	6	17	7	
30	♀	Quind. Trin.		18	18	4	

July hath xxxi days.

First quarter 5 day, 52 min. past 8 at night
 Full moon 13 day, 44 min. past 10 in the morning
 Last quarter 20 day, 13 min. past 1 in the morning
 New moon 27 day, 32 min. past 10 in the morning.

1	B	Bonwald B.	Virgo	1	19 1	Clear and temperate weather for the hay ma- kers.
2	a	Visit Mary		13	19 58	
3	b	Stacynth. M.		25	20 56	
4	c	Elric	Libra	6	21 53	
5	d	Angelus		18	22 50	
6	e	3 Sun. af. Trin.	Scorp.	0	23 47	
7	f	Tref. Trin.		12	24 44	
8	g	Chilian		24	25 41	
9	a	7 Brethren	Sagit.	7	26 38	
10	b	Term ends		20	27 36	
11	c	Stus bish.	Capr.	3	28 33	Very hot days and foggy morning.
12	d	Henry		17	29 30	
13	e	Sun in Leo	Aquar.	1	30 27	
14	f	Benavent.		16	1 25	
15	g	Stwithin B.	Pisces	0	2 22	
16	a	Osmond		15	3 19	Wind and rain.
17	b	Blexing		29	4 16	
18	c	Reass	Aries	14	5 14	
19	d	Dog days beg.		28	6 11	
20	e	5 Sun. af. Trin.	Taur.	12	7 8	
21	f	Margaret m.		26	8 6	The month ends with very good summer weather.
22	g	Planda	Gem.	9	9 3	
23	a	Apollinaris		23	10 0	
24	b	Christian fa.	Canc.	6	11 58	
25	c	S. Jam. Apo.		9	11 55	
26	d	Anns	Leo	2	12 52	
27	e	6 Sun. af. Trin		14	13 50	
28	f	Celsus		27	14 48	
29	g	Martha	Virg.	9	15 45	
30	a	Abdon		21	16 43	
31	b	Ignatius	Libra	3	17 40	

August hath xxxi days.

First quarter 4 day 7 min. past 1 in the afternoon
 Full moon 11 day, 16 min. past 6 at night
 Last quarter 18 day, 4 m. past 8 in the morning
 New moon the 25 day, 15 min. past 1 in the morning.

1	c	Lammas day	Libra	14	18	38	Wet and un- seasonable weather.
2	d	Stephen B.		26	19	35	
3	e	7 aft. Trin.	Scorp.	8	20	33	
4	f	Dominick		20	21	31	Very good weather.
5	g	Oswald	Sagit	2	22	28	
6	a	Trans. Chr.		15	23	26	
7	b	Donatus		23	24	24	Very hot with Thunder and Lightning.
8	c	Cyril	Capr.	11	25	21	
9	d	Roman		25	26	19	
10	e	8 aft. Trin.	Aquar.	9	27	17	Very hot with Thunder and Lightning.
11	f	S. Lauren.		24	28	15	
12	g	Gilbert	Pisces	9	29	13	
13	a	Sun in Virg		24	30	11	Hot, and sea- sonable wea- ther.
14	b	Eusebius	Aries	9	1	8	
15	c	Assump. of M.		24	2	6	
16	d	Roche B.	Taur.	8	3	4	High winds with rain.
17	e	9 aft. Trin.		23	4	2	
18	f	Helena Emp.	Gem.	6	5	0	
19	g	Schalvus		19	6	58	
20	a	Lenex Bish.	Canc	3	7	57	
21	b	Timotheus		16	8	55	
22	c	Richard bis.		28	9	53	
23	d	Zachens fast	Leo	11	10	51	
24	e	S. Barthol.		23	11	49	
25	f	Lewis B.	Virg.	5	12	47	
26	g	Ireneus		17	13	46	
27	a	Dog days end		29	14	44	
28	b	Augustine b.	Libra	11	15	42	
29	c	Decol. J. Bap.		23	16	41	
30	d	Felix	Scorp.	5	17	39	
31	e	10 aft. Trin.		17	18	38	

September hath xxx days.

First quarter 3 day, 53 min. past 4 in the morning

Full moon 10 day, 36 min. past 2 in the morning

Last quarter 16 day 18 m. n. past 6 at night

New moon 24 day, 6 min. past 5 in the afternoon.

1	f	Gile abbot	Scorp.	29	18 36	
2	g	Meronica	Sagit.	11	19 35	Wind and
3	a	Lupos		23	20 33	hasty showers.
4	b	Elther	Capr.	6	21 32	
5	c	Altopin		20	22 30	
6	d	Magnus	Aquar.	7	23 29	Fair and tem-
7	e	11 aft. Trin		18	24 28	perate wea-
8	f	Nat. of M ry	Pisc.	2	25 26	ther.
9	g	Gozgontus		17	26 25	
10	a	Nicholas	Aries	3	27 24	
11	b	Maurittus		18	28 23	
12	c	Silbys klf.	Taur.	3	29 22	
13	d	Sun in Libra		18	30 21	
14	e	12 aft. Trin.	Gem.	2	1 19	
15	f	Nicomedes		16	2 18	Thunder and
16	g	Erphemia		29	3 17	hail.
17	a	Ember week	Canc.	13	4 16	
18	b	Lambert		25	5 16	
19	c	Jannartus	Leo	8	6 15	
20	d	Faula		10	7 14	
21	e	S. Mat. & Ord.	Virgo	2	8 13	
22	f	Maurice		14	9 12	
23	g	Elbras		27	10 12	
24	a	Samuel	Libra	8	11 11	Windy and
25	b	Cleophus		20	12 10	wet weather.
26	c	Justin	Scorp.	2	13 10	
27	d	Col. & Dam.		14	14 9	
28	e	14 after Trin.		26	15 8	
29	f	S. Michael Ar.	Sagit.	8	16 8	
30	g	Microem.		20	17 7	

October hath xxxi days.

First quarter the 1 day, 40 min. past 6 at night
 Full moon 9 day, 17 min. past 11 in the morning
 Last quarter 16 day, 40 min. past 8 in the morning.
 New moon 24 day, 32 min. past 3 in the afternoon.

1	a	Remigius	Capr.	3	18	7	Very pleasant weather for this time of the year.
2	b	Leodegar		15	19	7	
3	c	Eusebius		29	20	6	
4	d	Francis	Aqua	12	21	6	
5	e	15 Su. af. Trin.		26	22	6	Rain with cold winds.
6	f	S. Faith	Pisc.	11	23	5	
7	g	Dionisius		26	24	5	
8	a	Pleasant	Aries	11	25	5	
9	b	Burchard		26	26	5	Wet weather still.
10	c	Wilfrid	Taur.	11	27	5	
11	d	Demetrius		26	28	4	
12	e	16 Su. af. Trin.	Gem.	11	29	4	
13	f	Sun in Scorp.		25	m	4	Turbulent stormy wea- ther.
14	g	Catlettus M.	Canc	9	1	4	
15	a	Wegesioige		22	2	4	
16	b	Callus	Leo	4	3	5	
17	c	Andrey		15	4	5	
18	d	S. Luke Evan.		29	5	5	
19	e	17 Su. af. Trin.	Virg.	11	6	5	
20	f	Tref. mich.		23	7	5	
21	g	Alry M.	Libra	5	8	5	
22	a	Cordula M.		17	9	6	
23	b	Term begins		29	10	6	
24	c	Salome	Scorp.	11	11	6	
25	d	Crispine		23	12	7	
26	e	18 Su. af. Trin.	Sagit.	5	13	7	
27	f	Mens. mich. fa.		17	14	8	
28	g	Sim. & Jude	Capr.	0	15	8	
29	a	Amatandus		13	16	9	
30	b	Eadane		26	17	9	
31	c	German fast	Aqua	9	18	10	

November hath xxx days.

First quarter 1 day, 39 min. past 6 in the morning
 Full moon 7 day, 11 min. past 9 at night
 Last quarter 15 day, 10 min. past 1 in the morning
 New moon 23 day, 44 min. past 3 in the morning
 First quarter 30 day, 14 min. past 4 in the afternoon,

1	D	All Saints	Aqua.	22	15 10	Obscure cold
2	E	All souls	Pisces	6	20 11	Air.
3	F	Craft. anim.		20	21 11	
4	G	Agricola M.	Aries	5	21 12	
5	A	Powder Plot.		19	23 13	
6	H	Leonard	Taur.	4	24 14	
7	C	Wildebete		19	25 14	
8	D	Claudius	Gem.	4	26 15	Something
9	E	20 Su. af. Trin.		19	27 16	warmer but
10	F	Theodore	Ganc.	3	28 17	moist and
11	G	Martin bis.		17	29 18	rainy.
12	A	○ in T. vt. m.	Leo	6	3 19	
13	H	Erasmus		13	1 19	Some frosts.
14	C	Eugenius		26	2 20	With cold win-
15	D	Friedrich	Virg.	8	3 21	ter weather.
16	E	21 Su. af. Trin.		26	4 22	
17	F	Leopold	Libra	2	5 23	
18	G	Octab. mart.		13	6 24	
19	A	K. Ch. 1 Nat.		25	7 25	
20	H	Edmund M.	Scorp.	7	8 26	
21	C	Oblat. Mary		19	9 27	
22	D	Cicely bvg.	Sagit.	1	10 29	
23	E	22 Su. af. Trin.		14	11 30	Something
24	F	Clement M.		27	12 31	warmer.
25	G	Quind. mart.	Capr.	9	13 32	
26	A	Chapton M.		22	14 33	
27	H	Hugh	Aquar.	6	15 34	
28	C	Term ends		19	16 35	
29	D	Oba bvg. fast	Pisces	3	17 37	Wet and win-
30	E	Adven. & S. An.		16	18 38	dy unpleasant weather.

December hath xxxi days.

Full moon 7 day, 10 min. past 9 in the morning

Last quarter 14 day, 6 min. past 10 at night

New moon 22 day, 7 min. past 10 at night

First quarter 30 day, 39 min. before 1 in the morning

1	f	Daniel bish	Aries	0	19 39	
2	y	Candida		14	30 40	
3	a	Lucias B.		29	31 41	Gold and like
4	b	Barbara	Taur.	13	22 43	to freez.
5	c	Sabbas ab.		28	23 44	
6	d	Nicho an	Gem.	13	24 45	Various wea-
7	e	2 sund. Adv.		27	25 46	ther.
8	f	Damascus	Canc.	11	26 48	
9	y	Ambrose		25	27 49	
10	a	Conce. of M.	Leo	8	28 50	
11	b	Epimachus		21	29 52	
12	c	Sun in Capri.	Virgo	4	30 53	About this
13	d	Lucan		16	31 54	time expect
14	e	3 sun. in Ad.		28	32 55	some snow.
15	f	Hilda abbess	Libra	10	33 57	
16	y	O Sapientia		22	34 58	
17	a	Ember week	Scorp.	3	35 59	
18	b	Lazarus		15	36 1	
19	c	Elizabeth		27	37 2	
20	d	Isidore fast	Sagit	10	38 3	
21	e	S. Tho. & Ord.		21	39 4	
22	f	Theodosius	Capr.	5	40 6	The col'd 2-
23	y	Agost. b.m.		18	41 7	bates a little
24	a	Ad. & E. fast	Aqua.	2	42 9	with rain.
25	b	Christs birth		16	43 10	
26	c	S. Stephen		29	44 11	
27	d	S. John	Pisces	13	45 12	Very cold to
28	e	Innocents		27	46 14	the end of the
29	f	Crescens	Aries	11	47 15	year
30	y	David B.		25	48 16	
31	a	Silvester	Taur.	9	49 18	

S W A L L O W.

the latter part of this
ALMANACK
for the Year of our
LORD GOD

1679.

Being the 3^d after Bissextile or Leap-
year, and from the Conquest of
England by William Duke
of Normandy 613 years.

Wherein are contained an account of the
Eclipses, the times of the Sun's entering
into the Cardinal signs, many necessary no-
tions, together with pleasant and usefull
Tables for the Weights and Measures of
several Commodities, and a large and ac-
curate Table for Board measure, with
other things as delightfull as profitable.

*Poma dat Autumnus: formosa est messibus Aestas:
Ver praebet flores: Igne levatur Hyems.*

C A M B R I D G E,
Printed by *John Hayes*, Printer to
the University. 1679.

Swallow 1679.

Of the Eclipses this year.

There will be 4 Eclipses this year (although none of them visible to us in *England*) which will happen as follow ;



The first will be of the Sun *March* the 31 at our 7 at night, and therefore invisible to us ; but will be almost a total Eclipse to the inhabitants of *New France, New England,* and the countreys adjoining.

The second is of the Moon, *April* 15 at 10 at night, it will be scarce visible to us, but to those that live in *Hungary, Dalmatia, Polonia, Podolia, Sclavonia, &c.* half the moons body will be Eclipsed.

The third is of the Sun *September* the 24 at 6 at night, and is not to be seen by us, because the Sun will be below our horizon, but to such as inhabit *New Zealand, the Island of S. Peter,* or that sail on the *Pacifick Ocean,* it will appear a very great Eclipse.

The last will be of the Moon *October* the 9 at 11 in the morning, visible onely to our Antipodes, who may see 3 digits of it Eclipsed.

of

Of the Suns Entrance into the four Cardinal Signs.

HE Enters *Aries* March 10, at which time our Spring quarter begins.

He enters *Cancer* June the 11 at noon, and then begins our Summer quarter.

He enters *Libra* September the 12. 20 minutes past 3 in the morning, and then our Autumn quarter begins.

He enters *Capricorn* December the 11 8 minutes past 3 in the afternoon, and then our Winter quarter begins.

THus having given an account of the Eclipses and the times the Sun enters into the Cardinal Signs. I shall now give you some general directions, usefull notions, together with pleasant and easie Tables, for the weights and measures of most commodities now traded with in England.

All measures of application or length are denominated from the parts of the body, as the Palm, the Foot, and the like, but are indeed in England taken from the Yard Standard kept in Guild-Hall in London, of which the third part is a foot, and the 36 an inch. Set down in the first Table from an inch to a mile.

Now although the Table is so easie that I presume there are but few but will understand it at first sight, yet for the benefit of those that do not; I shall as briefly as I can explain it.

This Table consists of several columns: and may be considered, either as to the columns or spaces between line and line from top to bottom, or by the spaces con-

Swallow 1679.

tein'd between line and line side-ways, or from the left hand to the right: now the figures are always of the denomination is signified at the top of the column they belong to; & are equal to the rest of the figures they stand with between the same lines from right to left: as for example, to begin at the top, 3 inches are equal to a palm, 9 inches equal to 3 palms, equal to 1 span and so of the rest. So in a yard there is contained 2 cubits, 3 foot, 4 span, 12 palms, 36 inches, the other part of the Table contains square measures or superficial and the way of using it is the same with the former; as for example, 144 square inches are equal to a foot square. 1296 inches are equal to 9 feet, or 1 yard square. Those figures that come after such a mark as this L the first of them stand for the 10th part the 2 for the hundred part.

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The measure for horses is by the handfull equall to 4 inches

In England we make use of 2 sorts of weights *Troy* and *Averdupoize*.

By *Troy* weight Gold, Silver, Jewels, Amber, Electuaries, Bread corn, and Liquors, are weighed, and from this *Troy* pound are taken all measures for wet and dry Commodities.

By *Troy* weights are weighed all Grocery ware, and in short all manner of things that can waste: the Tables for *Troy* and *Averdupoize* must be used like the foregoing for measures:

		<i>Pound.</i>		12	240	5760
		<i>Ounc.</i>		20	480	
<i>Scruples</i>					<i>pen. w.</i>	24
3	<i>Drams</i>				<i>Grains</i>	
24	8	<i>Ounces</i>				
384	128	16	<i>Pound</i>			
43008	14336	1792	112	<i>Hund.</i>		
860160	286720	35840	2240	20	<i>Tun</i>	

Although the pound *Troy*, be bigger then the pound *Averdupoize*, yet the ounce *Troy* is lesser then the ounce *Averd.* the proportion of a *Troy* pound to *Averd.* pound being as 17 to 14, but of a *Troy* ounce to an *Averd.* ounce as 51 to 56.

A *Tun* weight *Averdupoise* is always 20 hund. of all things except Lead which is 19 hund. $\frac{1}{2}$.

Allom, Cinnamon, Nutmegs Pepper and Sugar have 13 l. $\frac{1}{2}$ to the stone, and 108 l. to the hundred. *Essex* Cheese or Butter the Clove is 8 pound, the Wey 32 Cloves, or 256 l. In *Suffolk* the Clove is 8 l. the Wey 4 Cloves or 336 l.

Hay

Swallow 1679.

Hay should have 20 hund. but is sould for 18 C. 36 truf-
ses or 2016 l. Wooll is sould by the Clove, or half stone 7 l.
or by the stone 14 l. Tod 28 l. wey 182 l. Sack 364 l.
Last 4368 l. Iron and Shot are weighed 11 l. to the stone,
28 l. to the quarter, 112 l. to the hundred, 20 C. to the Tun.

A Faggot of Steel is 120 l. a burden of Gad Steel is 9
score or 180 l. for the weight of Butter and Sope 56 l. of
Butter, and 60 l. of Sope make a Firkin, and 4 firkins a Bar-
rel of either.

Dry Measures of capacity are raised from the Gallon
containing 8 pints, which should be contain'd in 272 $\frac{1}{2}$
Cubick inches, and should hold of pure running water 9 l.
13 oun. 12 dra. $\frac{1}{2}$ of *Averd.* weight.

Pints									
8	Gal.								
16	2	Pec.							
64	8	4	Bush.						
128	16	8	2	Strik					
256	32	16	4	2	Coomb				
512	64	32	8	4	2	Seam or quarter			
3072	384	102	48	24	12	6	Wey		
5120	640	320	80	40	20	10	12	Last	
A	1 l.	8 l.	16	64	128	256	512	3072	5120
B	14 ou.	7 l.	14	56	1 c.	2 c.	4 c.	24 c.	40 c.

This Table is exactly of the same nature with the former,
onely at the bottom are added 2 spaces mark'd with A and
B, in the line A is expressed the respective Measures weight
of wheat in *Troy* weight, in the line B in *Averd.* for example
a peck of wheat weighs 16 *Troy*, 14 *Averd.* and so for the rest.

Meal is weighed as Corn, but the common repute is
that a gallon of Wheaten Meal, weighs 7 l. *Averd.* and

B 4

8 l.

Swallow 1679

8 l. 6 oun. 4 pen. weight Troy, and so a Bushel 56 l. *Averd.* and 68 l. 1 oun. 12 pen. weight Troy. All other Grain, like-wise Salt, Lime, Coales, &c. follow this Measure which is called *Winchester* Measure. But when Sea Coale and Salt are measured with this Bushel, they are heaped, or else there is allowed five striked Pecks to the Bushel, and this is called *Water* measure. 36 such Bushells make a Chaldron of Coales; and on Ship-board they allow 21 Chaldron to the score.

Liquid Measure is either for Wine, or Ale and Beer measure; the Gallon for Wine measure contains 231 Cubical inches and should hold of running water, 8 l. 1 oun. 11 dra. *Averd.* and 9 l. 10 oun. 1 pen. $\frac{1}{4}$ weight Troy.

A Table of Wine measure, A Tun of Wine weighing Averd. 17 c. weight one Pint 1 l. and half an ounce Troy.

Pints							
8	Gall.						
144	18	Runlet					
252	$31\frac{1}{2}$	$1\frac{1}{4}$	Barrel				
336	42	$2\frac{1}{3}$	$1\frac{1}{3}$	Terce			
504	63	$3\frac{1}{2}$	2	$1\frac{1}{2}$	Hogshead		
672	84	$4\frac{2}{3}$	$2\frac{2}{3}$	2	$1\frac{1}{3}$	Puntion	
1008	126	7	4	3	2	$1\frac{1}{2}$	Butt
2016	252	14	8	6	4	3	2 Tun

Swallow 1679.

In a Gallon for Ale or Beer there is 282 solid inches, and it holds of pure water 101.3 oun. 1 1/2 dra. *Averdupoise.*

<i>Hog.</i>		2	4	8	64	512
<i>Bar.</i>		2	4	32	256	
<i>Kild.</i>		2	16	128		
<i>Firk.</i>		8	64			
<i>Pints</i>						
18	<i>Gall.</i>					
72	9	<i>Firk.</i>				
144	18	2	<i>Kild.</i>			
288	36	4	2	<i>Bar.</i>		
576	72	8	4	2	<i>Hog.</i>	

Vessels for Butter, Fish, and Sope follow the Ale measure of a gallon, 8 Gallons make a Firkin, 2 Firkins a Kilderkin, 2 Kilderkins an Ale Barrel, and 12 Ale Barrels a hhd.

The Table of Board measure consisteth of 5 pages in every of which is placed the length of the board in feet in the first column, on the left hand, and the breadth in inches, on the head of the Table you shall find in the Angle of meeting the true content of the Board, in feet and tenth parts of a foot, the figure or figures towards the left hand, representing feet, and the figure toward the right, tenth parts of a foot; as for example, if a board be 10 inches broad and 5 foot long, find 10 in the top of the second page of the Table, and 15 in the side, and the Angle of meeting shows 2 5 that is 2 foot and 5 tenth parts or half a foot.

The

Swallow 1679.

A Table of Board measure.

The length in feet.	The Breadth in Inches.									
	1	2	3	4	5	6				
1	0	0	1	0	2	0	3	0	4	0
2	0	0	3	0	5	0	6	0	8	1
3	0	0	4	0	7	0	9	1	2	1
4	0	0	6	1	0	1	3	1	7	2
5	0	0	8	1	2	1	6	2	1	2
6	0	0	9	1	5	1	9	2	5	3
7	0	1	1	1	7	2	2	2	9	3
8	0	1	2	2	0	2	5	3	3	4
9	0	1	4	2	2	2	8	3	7	4
10	0	1	6	2	5	3	3	4	2	5
11	0	1	7	2	7	3	6	4	6	5
12	0	1	9	3	0	3	9	5	0	6
13	1	2	0	3	2	4	2	5	4	6
14	1	2	2	3	5	4	6	5	8	7
15	1	2	4	3	7	4	9	6	2	7
16	1	2	5	4	0	5	2	6	7	8
17	1	2	7	4	2	5	5	7	1	8
18	1	2	8	4	5	5	9	7	5	9
19	1	3	0	4	7	6	2	7	9	9
20	1	3	2	5	0	6	6	8	3	10
21	1	3	3	5	2	6	9	8	7	10
22	1	3	5	5	5	7	2	9	2	11
23	1	3	6	5	7	7	5	9	6	11
24	1	3	8	6	0	7	9	10	0	12
25	2	4	0	6	2	8	2	10	4	12
26	2	4	2	6	5	8	5	10	8	13
27	2	4	3	6	7	8	9	11	2	13
28	2	4	5	7	0	9	2	11	7	14
29	2	4	6	7	2	9	5	12	1	14
30	2	4	8	7	5	9	9	12	5	15

Swallow 1679.

A Table for Board measure.

The Breadth in Inches.

Length 6	The Breadth in Inches.											
	7	8	9	10	11	12	13	14	15	16	17	18
1	0	6	0	7	0	7	0	8	0	9	1	0
2	1	2	1	3	1	5	1	7	1	8	2	0
3	1	7	2	0	2	2	2	5	2	7	3	0
4	2	3	2	7	3	0	3	3	3	7	4	0
5	2	9	3	3	3	7	4	2	4	6	5	0
6	3	5	4	0	4	5	5	0	5	5	6	0
7	4	1	4	7	5	2	5	8	6	4	7	0
8	4	7	5	3	6	0	6	7	7	3	8	0
9	5	2	6	0	6	7	7	5	8	2	9	0
10	5	8	6	7	7	5	8	3	9	2	10	0
11	6	4	7	3	8	2	9	2	10	1	11	0
12	7	0	8	0	9	0	10	0	11	0	12	0
13	7	6	8	7	9	7	10	8	12	9	13	0
14	8	2	9	3	10	5	11	7	12	8	14	0
15	8	7	10	0	11	2	12	5	13	7	15	0
16	9	3	10	7	12	0	13	3	14	7	16	0
17	9	9	11	3	12	7	14	2	15	6	17	0
18	10	5	12	0	13	5	15	0	16	5	18	0
19	11	1	12	7	14	2	15	8	17	4	19	0
20	11	7	13	3	15	0	16	7	18	3	20	0
21	12	2	14	0	15	7	17	5	19	2	21	0
22	12	8	14	7	16	5	18	3	20	2	22	0
23	13	4	15	3	17	2	19	2	21	1	23	0
24	14	0	16	0	18	0	20	0	22	0	24	0
25	14	7	16	7	18	7	20	8	22	9	25	0
26	15	2	17	3	19	5	21	7	23	8	26	0
27	15	7	18	0	20	2	22	5	24	7	27	0
28	16	3	18	7	21	0	23	3	25	7	28	0
29	16	9	19	3	21	7	24	2	26	6	29	0
30	17	5	20	0	22	5	25	0	27	5	30	0

Swallow 1679.

A Table for Board measure.

Length in Feet.	Breadth in Inches.											
	13		14		15		16		17		18	
1	1	1	1	2	1	2	1	3	1	4	1	
2	2	2	2	3	2	5	2	7	2	8	3	
3	3	2	3	5	3	7	4	0	4	2	4	
4	4	3	4	7	5	0	5	3	5	7	6	
5	5	4	5	8	6	2	6	7	7	1	7	
6	6	5	7	0	7	5	8	0	8	5	9	
7	7	6	8	2	8	7	9	3	9	9	10	
8	8	7	9	3	10	0	10	7	11	3	12	
9	9	7	10	5	11	2	12	0	12	7	13	
10	10	8	11	7	12	5	13	3	14	2	15	
11	11	9	12	8	13	7	14	7	15	6	16	
12	13	0	14	0	15	0	16	0	17	5	18	
13	14	1	15	2	16	2	17	3	18	4	19	
14	15	2	16	3	17	5	18	7	19	8	21	
15	16	2	17	5	18	7	20	0	21	2	22	
16	17	3	18	7	20	0	21	3	22	7	24	
17	18	4	19	8	21	2	22	7	24	1	25	
18	19	5	21	0	22	5	24	0	25	5	27	
19	20	6	22	2	23	7	25	3	26	9	28	
20	21	7	23	3	25	0	26	7	28	3	30	
21	22	7	24	5	26	2	28	0	29	7	31	
22	23	8	25	7	27	5	29	3	31	2	33	
23	24	9	26	8	28	7	30	7	32	6	34	
24	26	0	28	0	30	0	32	0	34	5	36	
25	27	1	29	2	31	2	33	3	35	4	37	
26	28	2	30	3	32	5	34	7	36	8	39	
27	29	2	31	5	33	7	36	0	38	2	40	
28	30	3	32	7	35	0	37	3	39	7	42	
29	31	4	33	8	36	2	38	7	41	1	43	
30	32	5	35	0	37	5	40	0	42	5	45	

Swallow 1679.

A Table of Board measure.

Breadth in Inches.

		Breadth in Inches.											
Length		19		20		21		22		23		24	
1	1	6	1	7	1	7	1	8	1	9	2	0	
2	3	2	3	3	3	5	3	7	3	8	4	0	
3	4	7	5	0	5	2	5	5	5	7	6	0	
4	6	3	6	7	7	0	7	3	7	7	8	0	
5	7	9	8	3	8	7	9	2	9	6	10	0	
6	9	5	10	0	10	5	11	0	11	5	12	0	
7	10	1	11	7	12	2	12	8	13	4	14	0	
8	12	7	13	3	14	0	14	7	15	3	16	0	
9	13	2	15	0	15	7	16	5	17	2	18	0	
10	15	8	16	7	17	5	18	3	19	2	20	0	
11	16	5	18	3	19	2	20	2	21	1	22	0	
12	18	0	20	0	21	0	22	0	23	0	24	0	
13	19	6	21	7	22	7	23	8	24	9	26	0	
14	21	2	23	3	24	5	25	7	26	8	28	0	
15	22	7	25	0	26	2	27	5	28	7	30	0	
16	24	3	26	7	28	0	29	3	30	7	32	0	
17	25	9	28	3	29	7	31	2	32	6	34	0	
18	27	5	30	0	31	5	33	0	34	5	36	0	
19	28	1	31	7	33	2	34	8	36	4	38	0	
20	30	7	33	3	35	0	36	7	38	3	40	0	
21	31	2	35	0	36	7	38	5	40	2	42	0	
22	33	8	36	7	38	5	40	3	42	2	44	0	
23	34	5	38	3	40	2	42	2	44	1	46	0	
24	36	0	40	0	42	0	44	0	46	0	48	0	
25	37	6	41	7	43	7	45	8	47	9	50	0	
26	39	2	43	3	45	5	47	7	49	8	52	0	
27	40	7	45	0	47	2	49	5	51	7	54	0	
28	42	3	46	7	49	0	51	3	53	7	56	0	
29	43	9	48	3	50	7	53	2	55	6	58	0	
30	45	5	50	0	52	5	55	0	57	5	60	0	

Swallow 1679.

A Table of Board measure.

Length in Feet.	Breadth in Inches.										
	25	26	27	28	29	30					
1	2	1	2	2	2	3	2	4	2	5	5
2	4	2	4	3	4	5	4	7	4	5	0
3	6	2	6	5	6	7	7	0	7	2	5
4	8	3	8	7	9	0	9	3	9	7	0
5	10	4	10	8	11	2	11	7	12	1	5
6	12	5	13	0	13	5	14	0	14	5	0
7	14	6	15	2	15	7	16	3	16	9	5
8	16	7	17	3	18	0	18	7	19	3	0
9	18	7	19	5	20	2	21	0	21	7	5
10	20	8	21	7	22	5	23	3	24	2	0
11	22	9	23	8	24	7	25	7	26	6	5
12	25	0	26	0	27	0	28	0	29	0	0
13	27	1	28	2	29	2	30	3	31	4	5
14	29	2	30	3	31	5	32	7	33	8	0
15	31	2	32	5	33	7	35	0	36	2	5
16	33	3	34	7	36	0	37	3	38	7	0
17	35	4	36	8	38	2	39	7	41	1	5
18	37	5	39	0	40	5	42	0	43	5	0
19	39	6	41	2	42	7	44	3	45	9	5
20	41	7	43	3	45	0	46	7	48	3	0
21	43	7	45	5	47	2	49	0	50	7	5
22	45	8	47	7	49	5	51	3	53	2	0
23	47	9	49	8	51	7	53	7	55	6	5
24	50	0	52	0	54	0	56	0	58	0	0
25	52	1	54	2	56	2	58	3	60	4	5
26	54	2	56	3	58	5	60	7	62	8	0
27	56	2	58	5	60	7	63	0	65	2	5
28	58	3	60	7	63	0	65	3	67	7	0
29	60	4	62	8	65	2	67	7	70	1	5
30	62	5	65	0	67	5	70	0	72	5	0

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A Table of Board measure.

Length in Feet.	Breadth in Inches.											
	31	32	33	34	35	36						
1	2	6	2	7	2	7	2	8	2	9	3	0
2	5	2	5	3	5	5	5	7	5	8	6	0
3	7	7	8	0	8	2	8	5	8	7	9	0
4	10	3	10	7	11	0	11	3	11	7	12	0
5	12	9	13	3	13	7	14	2	14	6	15	0
6	15	5	16	0	16	5	17	0	17	5	18	0
7	18	1	18	7	19	2	19	8	20	4	21	0
8	20	7	21	3	22	0	22	7	23	3	24	0
9	23	2	24	0	24	7	25	5	26	2	27	0
10	25	3	26	7	27	5	28	3	29	2	30	0
11	28	4	29	3	30	2	31	2	32	1	33	0
12	31	0	32	0	33	0	34	0	35	0	36	0
13	33	6	34	7	35	7	36	8	37	9	39	0
14	36	2	37	3	38	5	39	7	40	8	42	0
15	38	7	40	0	41	2	42	5	43	7	45	0
16	41	3	42	7	44	0	45	3	46	7	48	0
17	43	9	45	3	46	7	48	2	49	6	51	0
18	46	5	48	0	49	5	51	0	52	5	54	0
19	49	1	50	7	52	2	53	8	55	4	57	0
20	51	7	53	3	55	0	56	7	58	3	60	0
21	54	2	56	0	57	7	59	5	61	2	63	0
22	56	3	58	7	60	5	62	3	64	2	66	0
23	59	4	61	3	63	2	65	2	67	1	69	0
24	62	0	64	0	66	0	68	0	70	0	72	0
25	64	6	66	7	68	7	70	8	72	9	75	0
26	67	2	69	3	71	5	73	7	75	8	78	0
27	69	7	72	0	74	2	76	5	78	7	81	0
28	72	3	75	7	77	0	79	3	81	7	84	0
29	74	9	77	3	79	7	82	2	84	6	87	0
30	77	5	80	0	82	5	85	0	87	5	90	0

Swallow 1679.

A Table of the hour and minute of Sun-rising every second day.

days	Januar.	Februa.	March	April	May	June
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
2	8 4	7 15	6 16	5 14	4 21	3 4
4	8 1	7 11	6 12	5 10	4 17	3 4
6	7 58	7 7	6 8	5 6	4 14	3 4
8	7 56	7 3	6 4	5 2	4 11	3 4
10	7 53	6 57	6 0	4 58	4 7	3 4
12	7 51	6 53	5 56	4 54	4 5	3 4
14	7 48	6 50	5 52	4 50	4 2	3 4
16	7 45	6 46	5 48	4 46	4 0	3 4
18	7 43	6 42	5 44	4 43	3 58	3 4
20	7 40	6 38	5 40	4 39	3 56	3 4
22	7 37	6 34	5 36	4 35	3 54	3 4
24	7 33	6 30	5 32	4 32	3 52	3 4
26	7 29	6 26	5 29	4 29	3 50	3 4
28	7 25	6 22	5 25	4 25	3 48	3 4
30	7 21	6 0	5 21	4 22	3 47	3 4

days	July	August	Septem.	Octob.	Nov.	Decem.
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. m.	ho. m.
2	3 54	4 39	5 39	6 41	7 37	8 1
4	3 56	4 43	5 42	6 45	7 40	8 1
6	3 58	4 46	5 46	6 49	7 44	8 1
8	4 0	4 50	5 50	6 52	7 47	8 1
10	4 3	4 54	5 54	6 56	7 51	8 1
12	4 6	4 58	5 58	7 0	7 54	8 1
14	4 8	5 2	6 2	7 4	7 57	8 1
16	4 11	5 6	6 6	7 8	7 59	8 1
18	4 15	5 10	6 11	7 12	8 1	8 1
20	4 18	5 14	6 15	7 15	8 3	8 1
22	4 21	5 18	6 20	7 19	8 5	8 1
24	4 24	5 21	6 24	7 22	8 7	8 1
26	4 27	5 25	6 28	7 25	8 9	8 1
28	4 30	5 29	6 32	7 29	8 11	8 1
30	4 34	5 32	6 36	7 32	8 13	8 1

Seek the day on the side; and right against it, in every month, you have the hour and minute of Sun-rising.

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day.

Table of the ho. and min. of Sun. setting every 2^d day of the year.

NO. m.	Januar.	Februs.	March.	April.	May	June
	h. mi.	h. mi.	h. mi.	h. mi.	h. mi.	h. mi.
4 2	3 56	4 45	5 44	6 46	7 39	8 14
4 4	3 59	4 49	5 48	6 50	7 43	8 15
4 6	4 2	4 53	5 52	6 54	7 46	8 16
4 8	4 4	4 57	5 56	6 58	7 49	8 17
4 10	4 7	5 3	6 0	7 1	7 53	8 17
4 12	4 9	5 7	6 4	7 6	7 55	8 17
4 14	4 12	5 10	6 8	7 10	7 58	8 17
4 16	4 15	5 14	6 12	7 14	8 0	8 16
4 18	4 17	5 18	6 16	7 17	8 2	8 15
4 10	4 20	5 22	6 20	7 21	8 4	8 14
4 12	4 23	5 26	6 24	7 25	8 6	8 13
4 14	4 27	5 30	6 28	7 28	8 8	8 12
5 16	4 31	5 34	6 31	7 31	8 10	8 11
5 18	4 35	5 38	6 35	7 35	8 12	8 10
5 10	4 39	0 0	6 39	7 38	8 13	8 8
Decem.						
O. m.	July	August	Septem.	October	Novem	Decemb
	h. mi.	h. mi.	h. mi.	h. mi.	h. mi.	h. mi.
1 2	8 6	7 21	6 21	3 19	4 23	3 45
1 4	8 4	7 17	6 18	3 15	4 20	3 45
1 6	8 2	7 14	6 14	3 11	4 16	3 44
1 8	8 0	7 10	6 10	3 8	4 13	3 43
1 10	7 57	7 6	6 6	3 4	4 9	3 43
1 12	7 54	7 2	6 2	3 0	4 6	3 43
1 14	7 52	6 58	5 58	4 56	4 3	3 43
1 16	7 49	6 54	5 54	4 52	4 1	3 44
4 18	7 45	6 50	5 49	4 48	3 59	3 45
4 10	7 42	6 46	5 45	4 45	3 57	3 45
12 12	7 39	6 42	5 40	4 41	3 55	3 46
10 14	7 36	6 39	5 36	4 38	3 53	3 48
9 16	7 33	6 35	5 32	4 35	3 51	3 50
7 18	7 30	6 31	5 28	4 31	3 49	3 51
h, you	7 26	6 28	5 24	4 28	3 47	3 53

Swallow 1679.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds for 2 year or under, after the rate of six pounds in the hundred.

		1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
		£.	s.	d.	£.	s.	d.	£.	s.	d.	£.	s.	d.	£.	s.	d.
Shill.	5	0	0	1	0	0	3	0	1	3	0	2	1	0	3	2
	10	0	0	2	0	1	3	0	3	1	0	5	2	0	7	0
	15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	2
Pounds.	1	0	1	0	0	3	1	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
Tens of Pounds.		£.	£.	£.	£.	£.	£.	£.	£.	£.	£.	£.	£.	£.	£.	£.
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	1	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find your principall in the second Column, and right against the same is the interest due for one, three, six, nine, or twelve moneths.

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A Table shewing how to find Easter for ever
by the help of the Golden Number
and Dominical Letter,

G.N.	A	B	C	D	E	F	G
i	Apr 9	10	11	12	6	7	8
ii	Mar 26	27	28	29	30	31	Apr 1
iii	Apr 16	17	18	19	20	21	22
iv	Apr 9	3	4	5	6	7	8
v	Mar 26	27	28	29	30	31	Apr 1
vi	Apr 16	17	18	19	20	21	22
vii	Apr 9	3	4	5	6	7	8
viii	Apr 23	24	25	26	27	28	29
ix	Apr 9	10	11	12	13	14	15
x	Apr 23	24	25	26	27	28	29
xi	Apr 16	17	18	19	20	21	22
xii	Apr 9	10	11	12	13	14	15
xiii	Mar 26	27	28	29	30	31	Apr 1
xiv	Apr 16	17	18	19	20	21	22
xv	Apr 9	3	4	5	6	7	8
xvi	Mar 23	24	25	26	27	28	29
xvii	Apr 16	17	18	19	20	21	22
xviii	Apr 9	10	11	12	13	14	15
xix	Apr 23	24	25	26	27	28	29

Yea. of our Lord	1673	1674	1675	1676	1677	1678	1679
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G.N.	2	3	4	5	6	7	8
D.Le.	E	D	C	BA	G	F	E

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The foregoing Table explained.

BY the former Table you may easily find *Easter* (and from thence the other Moveable feasts) in any year to come. The use is thus. You must first know the Golden Number and Dominical Letter for that year in the which you would know when *Easter* will fall which you may find for 7 years at the bottom of the Table, then enter the Table with the Golden Number in the first Column and the Dominical Letter at the top, and in the common Angle is the day of the month whereon *Easter* falleth that year.

Example, this year the Golden Number is 8, the Dominical Letter E. I find 8 in the first Column, and right forward under E, I find *April 20*, upon which day *Easter* falls this year, thus for any other year, onely in Leap-year, there being two Dominical Letters, work with the last of them as before.

Having found *Easter*, you may from thence find the other Moveable Feasts, Shrovesund is 7 weeks before *Easter*, Rogation-sunday 3 weeks after *Easter*. The Thursday after Rogation is Ascension day 7 weeks after *Easter* is Whitunday, the Sunday following is Trinity-sunday, the Thursday after that is *Corpus Christi*.

Advent-sunday, is always the nearest Sunday to the Feast of S. Andrew, whether it be before it or after it.

The Names of the principal Fairs in *England*,
as they have heretofore been set forth by others,
and are now Corrected and continued for the
common good.

January.

THe 5 day at Hicetford in Lancashire, the 6 day at Salis-
bury, Tuesday after at Melton-Mowbray, the Thurs-
day after at Banbury: the third Tuesday in January at
Potton: the 5 at Gravesend, Bristol, Churchstord, Nor-
thallerton in Yorkshire every Wednesday from Christ-
mas till June.

February.

The 1 day at Bromley in Lancashire, the 7 at Reading
in Barkshire, at Maidston, Bicklesworth, Bicklesfield, Bath,
Lyn, Bgworth: the 6 day at Stafford for 6 days: the
14 at Oundle, Feversham: 24 at Henley upon Thames,
Baldock: On Ashwednesday at Royston, Dunstable,
Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter.
The first Thursday in Lent at Banbury: the 26 at Stanford
an Horie Fair.

March.

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, 21
Oakham: 12 at Alsowæ in Norfolk, Sudbury, Wooburn,
Stanford, at Wye: 13 at Bodwin in Cornwall: 20 at
Durham, Alesbury: Munday before our Lady day at Ken-
dal, at Wisbich, 25 at Hunington, Northampton, Malden,
Ashwel in Hartfordshire, Newcastle, Oney, S. Albans:
Midlent Saturday at Saffron-walden: Palm Sunday-eve
at Wisbich, Worcester, Pomfret, on Goodfriday at Nor-
wich, the Tuesday before Easter at Potton.

April.

Easter Munday at Oney in Bedfordshire, Gainsborough.
Easter Tuesday at Daintry in Northamptonsh. Godman-
chester,

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chester, schole in Norfolk, *S.* Edmunds-bury. On Wednesday at Wellingborough in Northamptonsh. On Friday in the same week at Darby. On Saturday at Bicklesworth 2 day at Hichin, at Rochford, Northfleet: 5 at Wallingford: 7 at Derby, 9 at Billingsworth, Bicklesworth: the 22 at Stabford, 23 at Ipswich, Harbin in Norfolk, Northampton, Sapfar in Hartfordshire, Charing, Hunningham Tamworth, Bury in Lancashire. *S.* Pombs in Cornwall Amptill, Chichester, Engfield, Gilford; Bishop Harfield: the 25 at Buckingham at Boufn in Lincolnshire Colebrook. Dunmow in Essex, Darby, Oakham in Rutlandshire: the 28 at Tenderden in Kent, Cleet: 30 at Beverly a week together.

May.

The 1 day at Swaffam, Haveril in Essex, Laytonbuzzard in Huntingdonsh. Rippon in Yorks. Reading, Maidstone, Chelmsford, Leicester, Litchfield, Lexfield in Suffolk. Stow, Stansted, Tuxford in the Clay, the 5 day at Elston in Bedfordsh, Noneaton in Warwicksh. Thetford in Norfolk, Waltheraby, Hunningham, Rochdale, Bramyard the 6 at Almesbury, at Ashford, 7 at Newton in Lancashire, Beverly, Oxford. Bath: the 8 at Maidstone: the 19 at Rochester, Dunstable, Magfield in Suffolk. On Rogation Munday at Reach. On Ascension day at Thaxted, Beverly, Rippon, Sudminster, Bishopstratford, *S.* Neots, Wickham in Lancashire, Middlewich in Cheshire, Chappel Frith in Darbish. On Whitfun-even at Skipton in Craven. On Whitfun-Munday at *S.* Ives, Rygate in Surry, Bicklesworth, Bradford, Agmonsham in Buckinghamsh. On Whitfun-Tuesday at Newmarket. On Wednesday at Royston. Thursday at Owndle in Northamptonsh. 25 at Lenham, 29 at Crainbrook.

June 26 FE 62

Trinity-even at Rowel, Kendal. On Corpus Christiday at Banbury, Bishopstratford, *S.* Neots, Coventry, Newbury. The 3 at Alesbury: 9 at Maidstone: 11 at Breme in Norfolk, Bardfield in Essex, 17 at Hadstock, 23 at *S.* Albans,

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ans, Deerham in Norfolk, Shrewsbury, 24 at Halsen in
Suffolk, Barnwel by Cambridge, Bedford, Colchester,
Hartford, Leicester, Rumford, Reading, Windsor, Halifax,
York, Beverly, Haslingden, 26 at Bristol, Darby, 27 at
Burton on Trent, Follstone 28 at 8 Pombs in Cornwall, 29 at
Peterborough, Ashwel, Sudbury, Stebbing in Essex, Bening-
ton in Hertfordshire.

July.

The first Tuesday at Potton. The 1, 2, 3 days at Con-
keltone in Cheshire, 7 at Royston, Burntwood. The Munday
after at Fodringham, at Canterbury: the 11 at Partney,
17 at Stevenage: 20 at Uxbridge, Coolidge, Woodstock:
the 22 at Ickleton, Bicklefworth, Norwich, Colchester
Newark upon Trent; 25 at Audley-end by Walden, Rea-
ding, Baldock, Darby, Dover, Erith, Ipswich, Stamford.

August.

The first day at Bedford, S. Neots, Dunstable, Fever-
ham, Wisbich, Bicklefworth, Thaxted: the 6 at Peter-
borough: the 10 at Blackmore Harply in Norfolk, S. Ives,
Bedford, Banbury, Farnham, Brainford, Oundle: the 13 at
Cambridge, Huntingdon, Dunmow, Luton, Northamp-
ton: the 24 at London, Sudbury, Norwich, Oxford,
Northallerton, Dover, Beggars-bush, Purton, the 28 at Ash-
ford, Daintry: the 29 at Halsen in Suffolk, Harlow-Bush
in Essex, Watford.

September.

The first day at S. Giles in the Bush. On Thursday and
Friday before the 8 day at sandback in Cheshire. 7, 8,
10 at Woodbury-hill in Dorsetshire, 7 at Ware, 8 at Hun-
tington, Bury in Lancashire, Partney, Wakefield, North-
ampton, Sturbridge fair begins: the 11 at Wolfpit in Suff.
14 at Rippon, Waltham-Abby, Chesterfield in Darbshire,
Richmond: the 21 at Marlborough, Bedford, Baldock,
Edmundsbury, Holden in Holderness, Braintry, Brackly-
iden, Malden, Mildnal: the 29 at S. Ives, Basingstoke,
Marketdeeping, Shelford in Bedfordsh. Bishopstrectford,
Malden,

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Malden, stow in Lincolnsh. S. Albans, Canterbury, Leister, Newbury, Westchester, Weymer for 7 days: Thurst after at Banbury.

October.

The 1 day at Salisbury, the 6 at Havent in Hampsh. Ma stone, Coolidge, Gayworth by Lyn. S. Faiths by Newich, the 8 at Bishopstratford, Harborough, 9 Gainsrough, the 13 at Windsor, Colchester Gravesend, Hitch Roylton: the Tuesday before S. Luke at Potton: 18 Ely, Bishop Hatfield, Barnet, Banbury, Thirst, Burton Trent, Wellinborough: the 21 at Saffron Walden, Cove try: the 23 at Bickelworth, 28 at Newmarker, Hartfo Oxford, Diss, Wakefield, Stamford, Richdale in Lan shire.

November.

The 1 day at Chelmsford, 2 at Epping, Kingston Thames, Padamhasson in Suffolk, 6 at Newport pond, Bford, Hartford, 11 at Lodden in Norfolk, Lenton in Northamshire, Hempton, Fockingham Bridgestock, Marl rough: the 17 at Spalding in Lincolnsh. Lincoln, Harle Hide, Northampton: the 19 at Horsham in Kent: the 2 S. Edmundsbury, Ingerston in Essex, Heath, the 23 at Sa wich, the 30 at Baldock Bareford, Kolingborough, N denhead, Warrington, Rochester, Wakefield, York.

December.

The first day at Tutbury: the 5 at Pluckley: the 9 S. Neots, at Woodstock, Exeter, Spalding, Norwich Cheshire, Seven-oak in Kent, Arundel, Grantham: the at Sandhurst, the 8 at Northampton, Clitheral in Lan shire, Huntington, Leicester, at Malpas in Cheshire: the at Canterbury, Salisbury.

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FINIS.

